Renewable Energy Policies and Procedures

2009 Bureau of Land Management

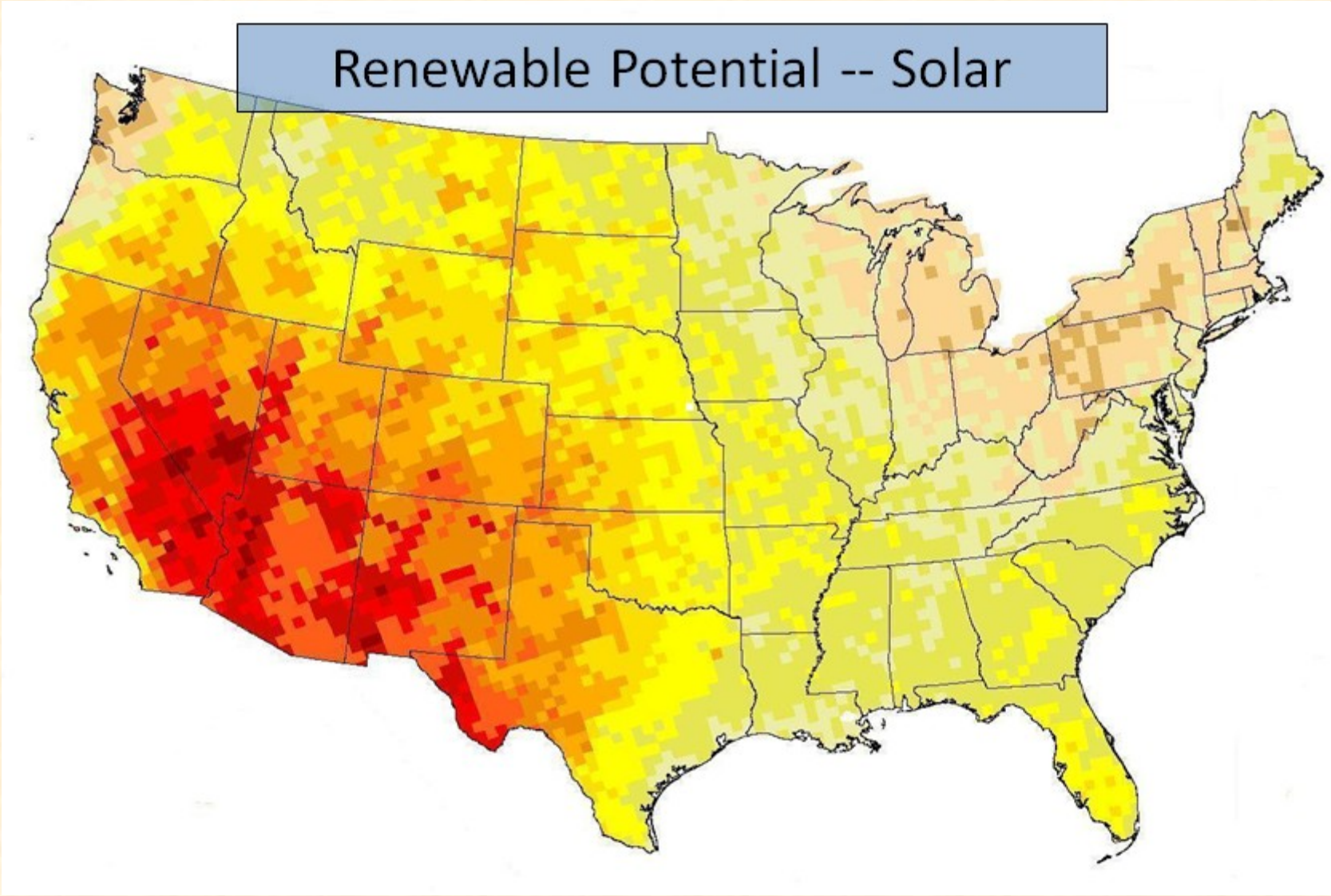
RENEWABLE ENERGY SUMMIT

Implementing the "New Energy for America" Agenda

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NATIONAL SYSTEM OF PUBLIC LANDS

Renewable Potential -- Solar



NATIONAL SYSTEM OF PUBLIC LANDS

FAST TRACK PROJECTS

- **Solar**
  - Arizona — 1 project
  - California — 9 projects
  - Nevada — 3 projects
- **Wind**
  - California — 4 projects
  - Nevada — 2 projects
  - Oregon — 1 project
  - Utah — 1 project
  - Wyoming — 1 project
- **Geothermal**
  - Nevada — 3 projects
- **Transmission**
  - California — 2 projects
  - Idaho — 3 projects
  - Nevada — 2 projects

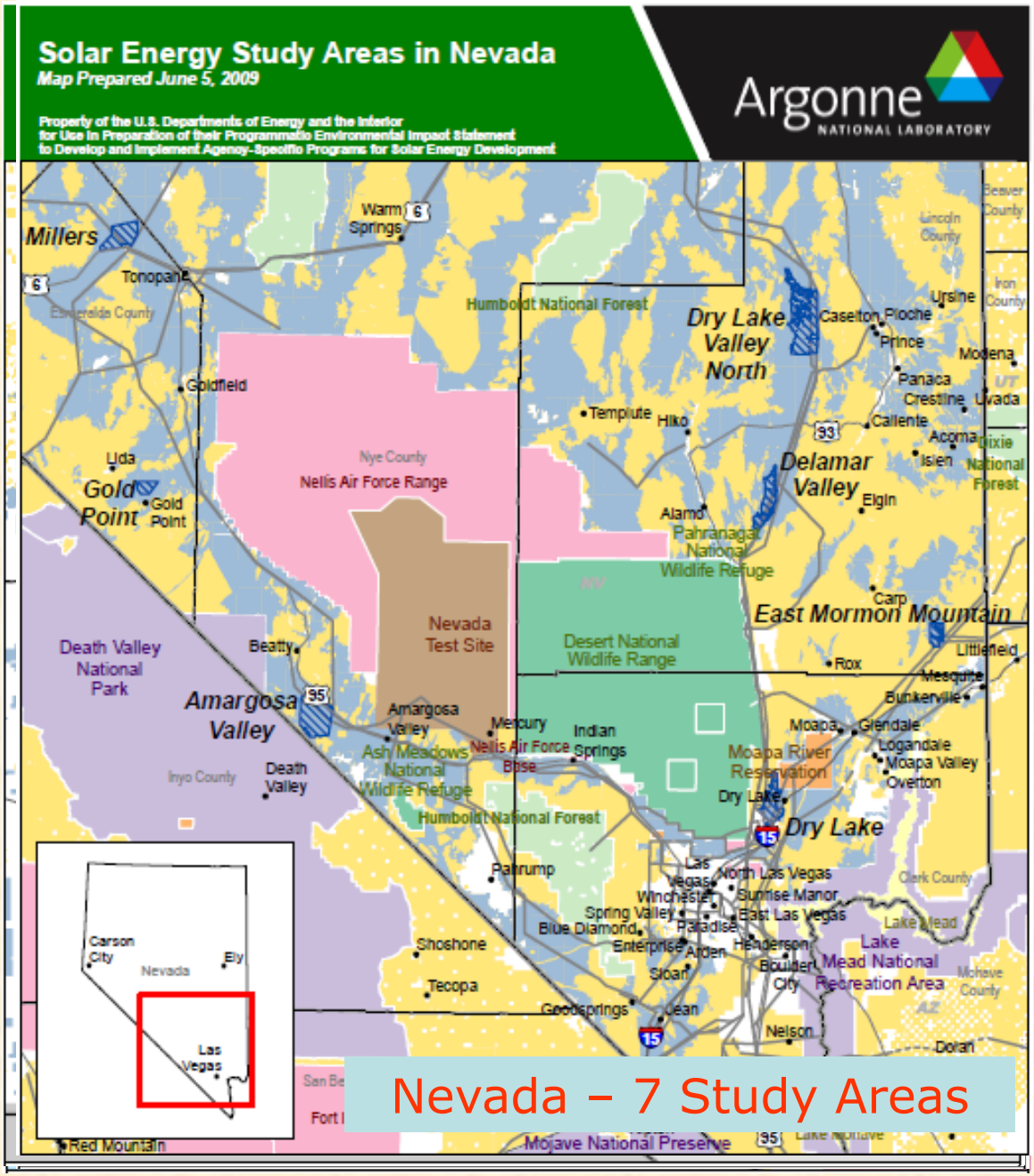
NATIONAL SYSTEM OF PUBLIC LANDS

Renewable Energy Coordination Offices

- RECO Offices – 66 positions
  - National Office 6 positions
  - Arizona 11 positions
  - California 23 positions
  - Nevada 17 positions
  - Wyoming 9 positions
- Renewable Energy Support Teams – 40 positions
  - Colorado 11 positions
  - Idaho 6 positions
  - Montana 5 positions
  - New Mexico 3 positions
  - OR/WA 4 positions
  - Utah 11 positions

NATIONAL SYSTEM OF PUBLIC LANDS

SOLAR ENERGY



STUDY AREAS

NATIONAL SYSTEM OF PUBLIC LANDS

Renewable Energy Policies and Procedures

2009 Bureau of Land Management

RENEWABLE ENERGY SUMMIT

Implementing the "New Energy for America" Agenda

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NATIONAL SYSTEM OF PUBLIC LANDS

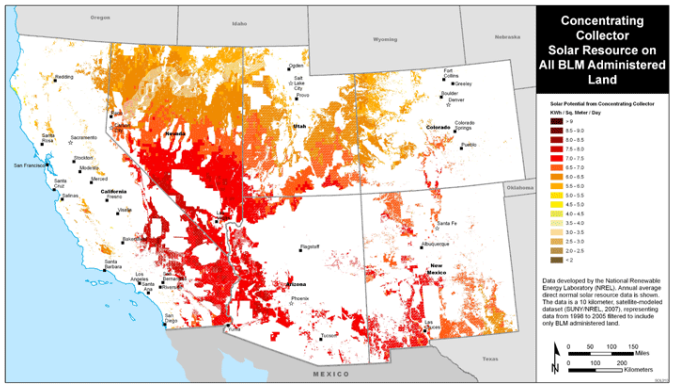
Renewable Energy for America—Opportunities and Challenges for BLM

The country that harnesses the power of clean, renewable energy will lead the 21st century. President Obama New Energy for America.

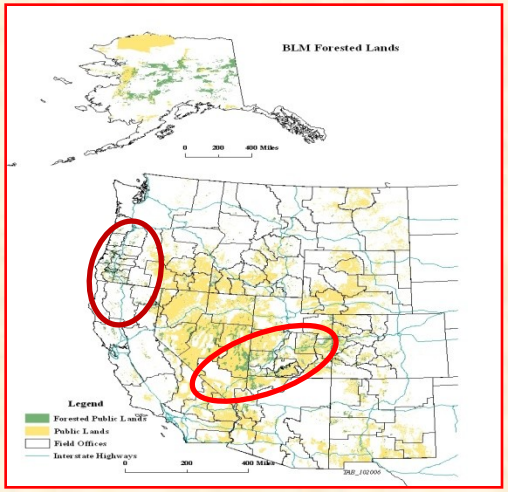
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NATIONAL SYSTEM OF PUBLIC LANDS

Opportunities for BLM

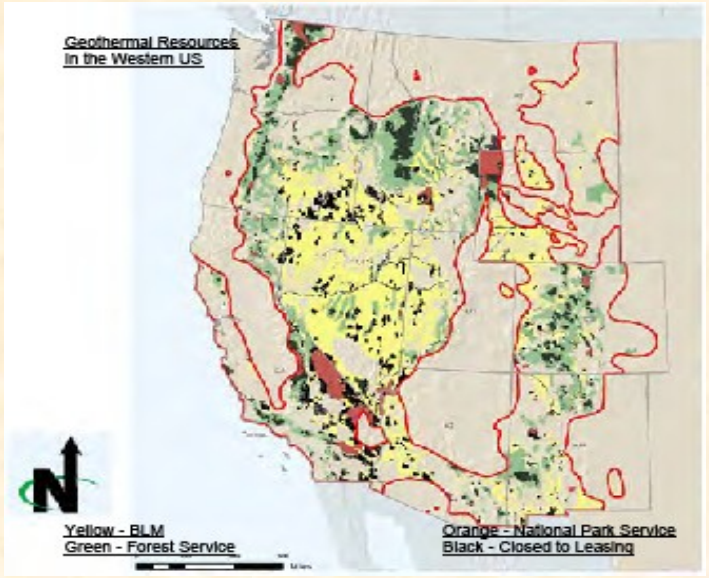
Wind



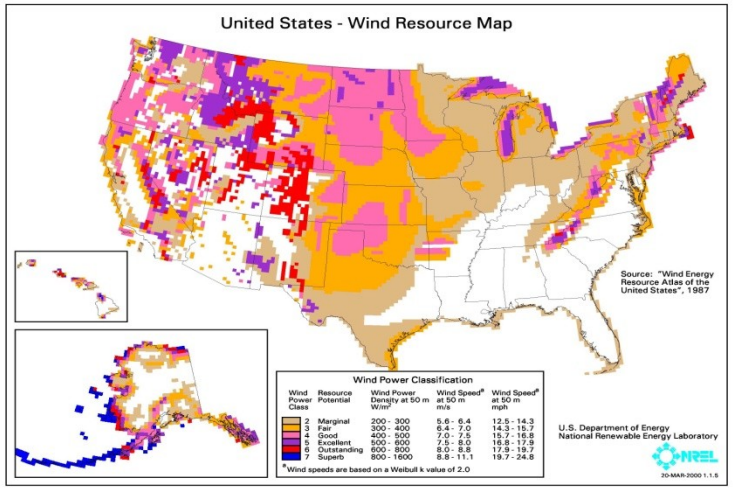
Solar



Biomass



Geothermal



Wind

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NATIONAL SYSTEM OF PUBLIC LANDS

With Opportunities come Challenges

BLM Planning in Theory

BLM Planning in the Real World

Challenges

Solar

Biomass

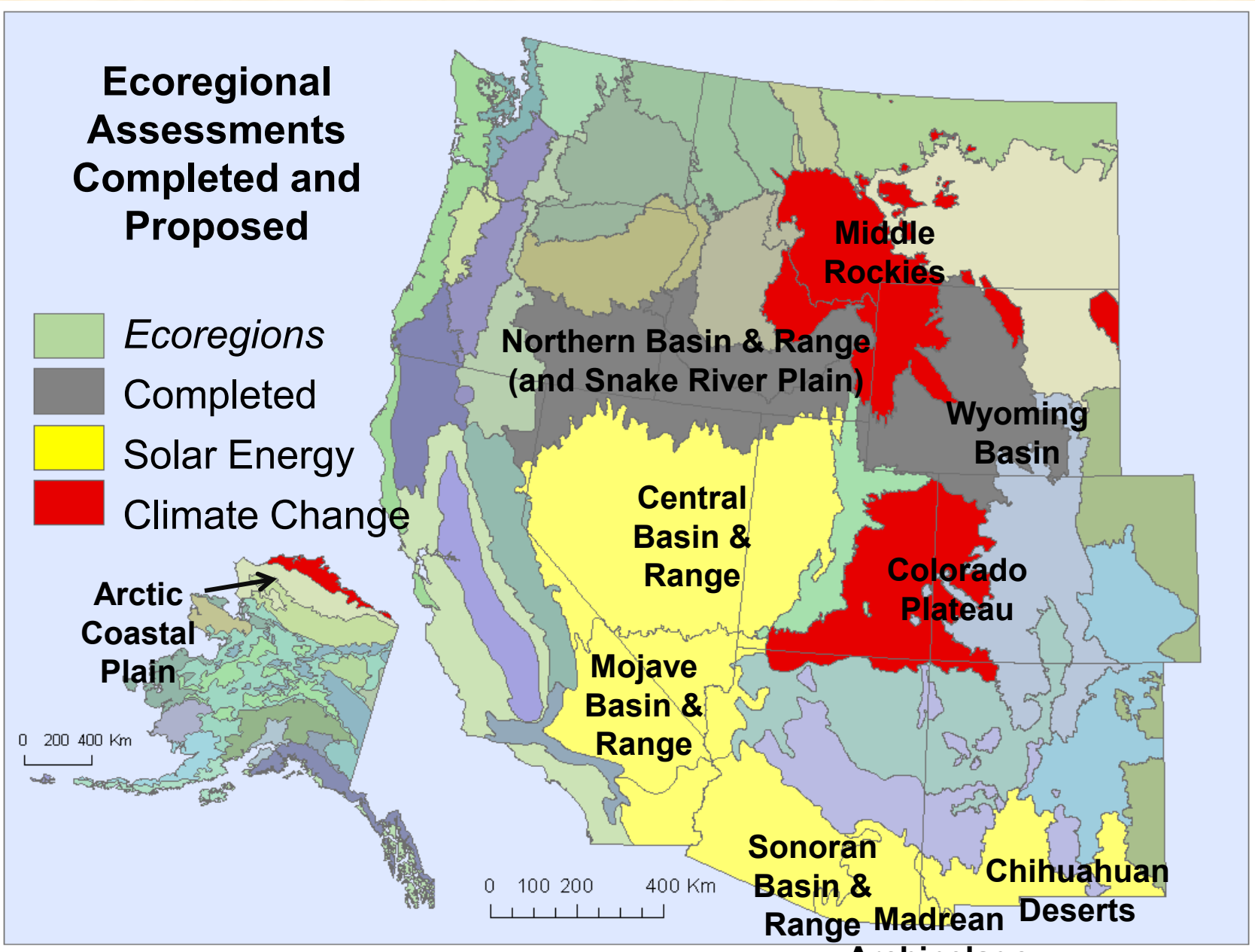
Geothermal

Wind

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NATIONAL SYSTEM OF PUBLIC LANDS

National Programmatic Planning and NEPA Efforts for Renewable Energy

Programmatic EIS	Action	Land Use Plan Amendments	Status
Wind Energy AZ, CA, CO, ID, MT, NV, NM, OR,UT, WA, WY	Identifies lands suitable for wind energy ROW applications, BMPs, and procedures.	52 (none in AZ or CA)	ROD signed December 05
Geothermal Leasing AK, AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY	Identifies lands as open or closed to geothermal leasing and adopts stipulations, BMPs, and procedures for leasing.	114	ROD signed December 08
West-Wide Energy Corridors AZ, CA, CO, ID, MT, NV, NM, OR,UT, WA, WY	Designates energy transport corridors on federal lands suitable for proposed pipeline and transmission line ROW applications.	130	RODs signed January 09
Solar Energy AZ, CA, CO, NM, NV, UT	Will identify lands suitable for solar energy development, BMPs, procedures, and priority Solar Energy Zones.	TBD	Draft PEIS under development


Ecoregional Assessments Completed and Proposed
Ecoregions
Completed
Solar Energy
Climate Change
Middle Rockies
Northern Basin & Range (and Snake River Plain)
Wyoming Basin
Central Basin & Range
Colorado Plateau
Mojave Basin & Range
Sonoran Basin & Range
Chihuahuan Deserts
Madrean Archipelago
Arctic Coastal Plain
0 200 400 Km
0 100 200 400 Km

Renewable Energy for America—Opportunities and Challenges for BLM

The country that harnesses the power of clean, renewable energy will lead the 21st century. President Obama New Energy for America.

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NATIONAL SYSTEM OF PUBLIC LANDS

Renewable Energy Policies and Procedures

2009 Bureau of Land Management

RENEWABLE ENERGY SUMMIT

Implementing the "New Energy for America" Agenda

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NATIONAL SYSTEM OF PUBLIC LANDS

The National Landscape Conservation System and Renewable Energy

NATIONAL SYSTEM OF PUBLIC LANDS

The System:

National Monuments, National Conservation Areas, Wilderness, Wilderness Study Areas, Wild and Scenic Rivers, National Scenic and Historic Trails, Conservation Lands of the California Desert

NATIONAL SYSTEM OF PUBLIC LANDS

--Designated to conserve, protect, and restore
--Management prescriptions are different

NATIONAL SYSTEM OF PUBLIC LANDS

Some multiple uses are compatible with the resources being protected.

NATIONAL SYSTEM OF PUBLIC LANDS

Strategic Planning – location, technology, scope, visual impact

NATIONAL SYSTEM OF PUBLIC LANDS

Public Outreach

NATIONAL SYSTEM OF PUBLIC LANDS

Off-site mitigation such as land acquisition from willing sellers

NATIONAL SYSTEM OF PUBLIC LANDS

NLCS as outdoor laboratories

NATIONAL SYSTEM OF PUBLIC LANDS

Renewable Energy Policies and Procedures

2009 Bureau of Land Management

RENEWABLE ENERGY SUMMIT

Implementing the "New Energy for America" Agenda

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NATIONAL SYSTEM OF PUBLIC LANDS